

# THE LACY LEDGER

Construction news and trends, plus a little light-heartedness

## Archer Cooperative Credit Union

# Adding Charm And Value To The Community

The Archer Cooperative Credit Union building in Central City, Nebraska, opened June 11th, as per our client's goal, just seven months after Lacy Construction was awarded the project.

Starting in the winter months adds to the potential for weather-related delays. We recommended building with Insulated Concrete Forms (ICFs), which are essentially hollow foam blocks that stack to form walls into which concrete is poured and steel reinforcement is added. The foam used in the ICFs provided the needed insulation to keep the concrete from freezing before it cured.

And the ICF walls helped keep the building considerably warmer through the interior build-out.

ICF construction provides superb structural strength and is an outstanding defense against violent weather. Additionally, ICFs create buildings with minimal air infiltration, heat gain or heat loss. This meant smaller heat pumps for heating and cooling, saving money up front, cutting operating expenses and reducing greenhouse gas emissions. Reinforced concrete structures will last longer than most other types of construction, adding to the environmental stewardship. ICF construction also significantly reduces jobsite waste, and Lacy Construction makes a regular practice of sorting all waste generated on site and recycling as much of that material as possible, minimizing what is dumped in a landfill.

The building site itself was quite challenging. Located just

50 feet off heavily-traveled Highway 30, road noise was a potential issue. With several inches of insulating foam, ICFs created a remarkably quiet environment. The site was relatively compact, and due to the closeness of neighboring buildings, there was little room on site for storage of building materials or machinery. Therefore, scheduling just-in-time delivery of needed items and the corresponding tradespeople was crucial.

Lacy's design-build approach streamlined the project on the front end, while allowing time to meet with the client and the client's staff to

gain specific insight that improved the design's functionality. Thereafter, weekly client meetings throughout the project ensured everyone was on track to deliver the building on time and on budget.

And our client always knew what to expect. Working with Lacy meant they had simply one company to contact—Lacy Construction—regardless of the question or issue.

Our strong experience in the construction of financial institutions allowed the Lacy team to share insights regarding design and construction that Archer Cooperative Credit Union management embraced enthusiastically. The new facility speaks volumes about Archer Cooperative Credit Union. The beautiful interior showcases rustic knotty alder trim, adding charm while communicating, "We value you and this community. We're glad you're here!"



Archer Cooperative Credit Union at dawn.



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# Nova-Tech Grand Opening

**N**ova-Tech, Inc. started in the Grand Island area in 1988 and produces injectable animal health products. As the demand for its products grew, so did the need for additional production and warehouse space.

In 2007, Nova-Tech purchased a 50,000-square-foot building in which to grow its business. The company's manufacturing process requires cleanrooms. This was a unique challenge for us since, as the design-builder, we were the single source for the design and construction of the facility.

Nova-Tech CEO Gloria Thesenvitz, who is familiar with cleanrooms, directed Lacy Construction and our consultants through an intense design process in order to meet the requirements of the Level 100, 1,000, 10,000 and 100,000 cleanrooms. To simplify the explanation of the different level designations, they are simply based on the number of particulates in the room at any given time.

To achieve these levels, we used special wall, ceiling and floor coatings, as well as specialized mechanical and electrical systems. Each room also has monitoring devices that not only measure the

air pressure in each room, but also the particulate count. A temperature-controlled warehouse was built in a manner that ensures the cleanliness of the product



*Nova-Tech ribbon-cutting.*

continues through Nova-Tech's entire production process. Although there were many other features of the building, it is safe to say that the company is meeting the requirements of its clients and government regulators in its new Lacy Construction-built facility.

We are proud to have been part of Nova-Tech's team on this project, and its success is further evidence of why you can trust Lacy Construction Company for your building needs.

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## To Learn More About Lacy Construction...



Go to your smartphone's app store and search for "QR reader." Download a free version. Once installed, open the QR reader and use it to scan the QR code at left. It will take you to [www.lacygc.com](http://www.lacygc.com). There you will find our monthly vlog (video blog) and other news from Lacy Construction.

Not sure who to turn to for reliability, integrity, and superior service? Turn to Lacy Construction Company! We are a general contracting firm with more than 60 years experience in commercial and industrial construction. From our home office in Grand Island, Nebraska, we have made customer input the cornerstone of our business, and have matched that with a highly-skilled staff to serve the unique needs of our customers.



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